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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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**C mplete if Known**

10/080 527

February 21, 2003

February 21, 2002

**Ross**

2837

<b>Application Number</b>	10/080,527
<b>Filing Date</b>	February 21, 2002
<b>First Named Inventor</b>	Rossum, David P.
<b>Art Unit</b>	2837
<b>Examiner Name</b>	Unassigned
<b>Attorney Docket Number</b>	017002-003890US

## U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
AA	US-6,365,816		04-02-2002	Rossum	
AB	US-6,137,043		10-24-2000	Rossum	
AC	US-5,925,841		07-20-1999	Rossum	
AD	US-5,698,803		12-16-1997	Rossum	
AE	US-5,342,990		08-30-1994	Rossum	
AF	US-5,300,724		04-05-1994	Medovich	
AG	US-5,245,667		09-14-1993	Lew	
AH	US-5,111,727		05-12-1992	Rossum	
AI	US-5,073,942		12-17-1991	Yoshida et al.	
AJ	US-5,067,141		11-19-1991	Critchlow et al.	
AK	US-5,023,825		06-11-1991	Luthra et al.	
AL	US-5,007,323		04-16-1991	Usami	
AM	US-4,901,615		02-20-1990	Matsushima et al.	
AN	US-4,829,463		05-09-1989	Kakishita et al.	
AO	US-4,715,257		12-29-1987	Hoshiai et al.	
AP	US-4,702,142		10-27-1987	Duetsch	
AQ	US-4,643,067		02-17-1987	Deutsch	
AR	US-4,460,890		07-17-1984	Busby	
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AT	US-4,377,960		03-29-1983	Okumura	
AU	US-4,246,823		01-27-1981	Wachi et al.	
AV	US-4,231,277		11-04-1990	Wachi	
AW	US-4,020,332		04-26-1977	Crochiere et al.	
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AY	US-3,988,607		10-26-1976	Eggermont et al.	
AZ	Re 32,862		02-14-1989	Wachi	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
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STATEMENT BY APPLICANT

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Sheet

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## Complete If Known

Application Number	10/080,527
Filing Date	February 21, 2002
First Named Inventor	Rossum, David P.
Art Unit	2837
Examiner Name	Unassigned

Attorney Docket Number 017002-003890US

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
W	BA	<i>Table Lookup for Sinusoidal Digital Oscillators</i> , F.R. Moore, CMJ Vol. 1, No. 2, April 1977	
W	BB	<i>The Technology of Computer Music</i> , Mathews et al., 1969	
W	BC	<i>Multirate Digital Signal Processing</i> , Crochiere & Rabiner, 1983	
W	BD	<i>Introduction to Numerical Analysis</i> , Hildebrand, 1956	
W	BE	LOWE et al., "Digidesign's Sound Accelerator: Lessons Learned," <u>Computer Musical Journal</u> , Vol. 13, No. 1, 1989	
Re	BF	MATTHEWS et al. <i>The Technology of Computer Music</i> , 1969	
Re	BG	James A. Moorer et al., "The Digital Audio Processing Station: A New Concept in Audio Postproduction," 78th Convention of Audio Engineering Society, Anaheim, CA, May 1985	
W	BH	MOORER et al., "The Digital Audio Processing Station: A New Concept in Audio Postproduction," <u>J. Audio Eng. Soc.</u> , vol. 34, No. 6, June 1986.	
W	BI	MOORE, F.R., "Table Lookup Noise for Sinusoidal Digital Oscillators," <u>Computer Music Journal</u> , Menlo Park, April 1977.	
W	BJ	"Kurzweil 1000 Series," Service Manual (1000 Racks, K1000, EGP and Mark III Models), Kurzweil Music Systems, Inc. Waltham, MA, January 1989, Doc. No. 92000101	
W	BK	<i>Musician's Guide</i> , Ralph Jones et al., K1000SE, Kurzweil Music Systems, Inc., Waltham, MA, 1988	
W	BL	AKAI professional "SERVICE BULLETIN/HD80 Non-operation of Fan", December 12, 1990.	
Re	BM	AKAI Service Manual, Model S1000KB, March 15, 1990.	

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Attorney Docket Number 017002-003890US

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
W	BN	Sequential/USA Model 2000 - Prophet 2000 - Digital Sampling Keyboard Technical Manual, Rick Davies, 12/85.	
W	BO	E-mu Systems Emulator - Operating Instructions, Marco Alpert et al., Version 3.6, 1981.	
W	BP	E-mu Systems - Emulator Service Manual - Revision of 1/12/82.	
A	BQ	Sequential/Europe - Prophet 2000 Digital Sampling Keyboard and Prophet 2002 Rack-Mount Sampler Operation Manual, Stanley Jungleib, April 1986.	
U	BR	EMAX Digital Sampler Technical Manual, Riley B. Smith, 1987, E-mu Systems Inc.	
W	BS	E-mu Systems Inc., Emax HD Digital Sampling Keyboard, Owner's Manual, Craig Anderson, 1988.	
W	BT	Dancetech - Casio FZ Range ...FZ1...FZ-10M...FZ-20M, 08/25/99.	
W	BU	Computer Storage Systems & Technology, Richard E. Matick, 1977.	
A	BV	ICASSP 84 - Proceedings - IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol. 2 of 3.	
A	BW	Some Aspects of Sample Rate Conversion, Dave Rossum, E-mu Systems, ICMC '85 Proceedings.	
W	BX	An Analysis of Pitch Shifting Algorithms, Dave Rossum, E-mu Systems, AES 87 <sup>th</sup> Convention, October 1989.	
W	BY	Compiling the E-Chip Music Signal Processor, Dave Rossum, E-mu Systems, Automated Design & Engineering for Electronics West, 1986.	
W	BZ	Compiling a Music Signal Processor, Dave Rossum, E-mu Systems, Inc., 1986 IEEE.	

Examiner Signature		Date Considered	2/5/03
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W	CA	<i>Practical Considerations in the Design of Music Systems Using VLSI</i> , J. William Mauchly et al., AES 5 <sup>th</sup> International Conference 1987.	
W	CB	<i>Fourier transform and convolution subroutines for the IBM 3090 Vector Facility</i> , Ramash c. Agarwal et al., IBM J. Res. Develop. Vol. 30, No. 2, March 1986.	
W	CC	<i>Accelerando: A Real-Time, General Purpose Computer Music System</i> , Keith Lent et al., Computer Music Journal, Vol. 13, No. 4, Winter 1989.	
W	CD	<i>An Efficient Method for Pitch Shifting Digitally Sampled Sounds</i> , Keith Lent, Computer Music Journal, Vol. 13, No. 4, Winter 1989.	
W	CE	<i>An Overview of the Sound and Music Kits for the NeXT Computer</i> , David Jaffe et al., Computer Music Journal, Vol. 13, No. 2, Summer 1989.	

Examiner Signature	<i>D. W. E.</i>	Date Considered	<i>2/5/03</i>
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